

IN THE CLAIMS:

PLEASE AMEND the claims by substituting the following like-numbered claims:

94
Am.
B-1
9. The system of claim 1 further comprising a plurality of fuses, wherein at least one of the electrical conductors is interrupted by multiple fuses that are interconnected in parallel.

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17. The method of claim 16 further comprising interrupting at least one of the electrical conductors by multiple fuses that are interconnected in parallel.

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24. A method for transmitting electrical current through a plurality of parallel fuses, the method comprising:

- (a) arranging a plurality of fuses in an array wherein the fuse orientations are substantially parallel to each other;
- (b) passing electrical current into and out of the array in a direction substantially perpendicular to the fuse orientations; and
- (c) transmitting a portion of the electrical current through each fuse of the plurality.

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26. The apparatus of claim further comprising first and second arrays of mating interfaces, wherein:

- (a) each mating interface in the first array is coupled to an electrical conductor of the first plurality of electrical conductors;

AP sub. B1 cont'd. (b) each mating interface in the second array is coupled to an electrical conductor of the second plurality of electrical conductors; and

(c) the first and second arrays are disposed at opposite ends of the matrix of fuse receptacles.

30. An electrical connector comprising:

AP sub. B1 (a) a first portion fabricated from conductive material and including a substantially circular first aperture; and

(b) a second portion molded from nonconductive material and including a substantially rectangular second aperture that is larger in area than the first aperture;

wherein

(c) the first and second portions are arranged such that the first and second apertures are substantially coaxial.